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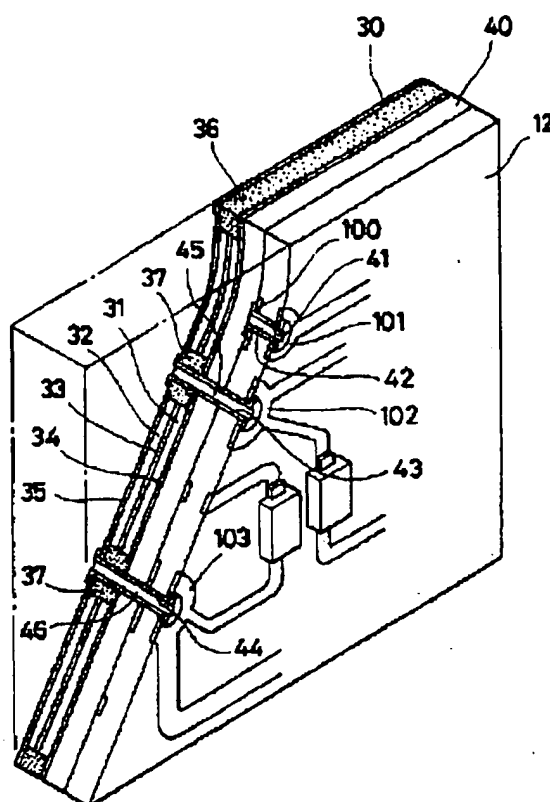
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TITLE : BATTERY INCORPORATED IN  
ELECTRONIC EQUIPMENT



**ABSTRACT :** **PURPOSE:** To eliminate a battery holder, a battery contact piece etc. and to reduce the number of parts and man-hours by using a film battery as a battery incorporated in an electronic equipment and bringing the film battery in close contact to a printed circuit board in one piece.

**CONSTITUTION:** A film battery 30 is a high-performance battery with a high energy density, a macromolecular solid electrolyte 33 is laid out between a positive electrode (manganese dioxide) 31 and a negative electrode (lithium, etc.) 32, the surrounding of pyroelectrics (also used as armored body) 34 and 35 of the positive and negative electrodes consisting of a metal plate (foil) is sealed by a sealing material 36. Then, with double-sided patterns 100 and 101 in a substrate 12, a conductor 42 is plate to a through hole 41 for continuity. Similarly, the area between the substrate 12 and the electrode of the film battery 30 continues via a through hole, thus efficiently incorporating a battery into a narrow space in an electronic equipment.

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